#2/6-20-02 V Janes

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Substitute for form 1449A/PTO

Sheet 1 of 3 (use as many sheets as necessary)

Complete if Known
Application Number 09/976,170
Filing Date 10-12-01
First Named Inventor Zerbe, et al.
Group Art Unit 2132
Examiner Name Unknown
Attomey Docket Number 1726.7220801

**U.S. PATENT DOCUMENTS** 

|                     |                |   |      | U.S. PATENT DUCUM                               | LIV. 0   |  |
|---------------------|----------------|---|------|---|--|--|
| Examine<br>Initials | r Cite<br>No.1 | U.S. Patent Docum<br>Number Kind Code 2<br>(if known) | nent | Name of Patentee or Applicant of Cited Document | Date of Publication of<br>Cited Document<br>MM-DD-YYYY | Pages, Columns,<br>Lines, Where<br>Relevant<br>Passages or<br>Relevant Figures<br>Appear |
| w MB                | AA             | US2001/0016929  | A1   | Bonneau et al.                                  | 08-23-2001   |  |
| 2 10                | / AB           | US2001/0021987  | A1   | Govindarajan et al.                             | 09-13-2001   |  |
| 1 nun               | AC             | US 5,917,856  |      | Torsti  | 06-29-1999   |  |
| 2                   | AD             | US 6,222,380  | B1   | Gerowitz et al.                                 | 04-24-2001   | -115   |
| 36                  | AE             | US 6,289,045  | B1   | Hasegawa et al.                                 | 09-11-20   | CEIVE  |
| 3/01                | AF             | US 6,292,116  | B1   | Wang et al.                                     | 09-18-2001   | 2000   |
|                     | AG             |   |      |   | .11  | N 1 9 2002   |
|                     | AH             |   |      |   |  |  |
|                     | Al             |   |      |   |  | ology Center   |
|                     | AJ             |   | 1    |   | Techn  | dia 81   |

**FOREIGN PATENT DOCUMENTS** 

|                        |              |          |                            | •                                    | O. P.             |  |  |     |
|------------------------|--------------|----------|----------------------------|--------------------------------------|---|--|--|-----|
| Examiner<br>Initials * | Cite<br>No.1 | Office 3 | Foreign Patent D<br>Number | ocument<br>Kind Code 2<br>(if known) | Name of Patentee or<br>Applicant<br>of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns,<br>Lines, Where<br>Relevant<br>Passages or<br>Relevant Figures<br>Appear | T 6 |
| 2002                   | AK           | EP       | 1 134 668                  | A2                                   | Lucent Technologies                                   | 09-19-2001                                       |  |     |
| 100                    | AL           |          |                            |                                      |   |  |  |     |
|                        | АМ           |          |                            |                                      |   |  |  |     |
|                        | AN           |          |                            |                                      |   |  |  |     |
| _                      | AO           |          |                            |                                      |   |  |  |     |

#### **PUBLICATIONS**

| Examiner<br>Initials * | Cite<br>No.1 | Title of Publication                        | Date of Publication<br>of Cited Document<br>MM-DD-YYYY |
|------------------------|--------------|---|--|
| M                      | AP           | The Ouroboros of the Digital Consciousness  | 01-04-1996   |
| med                    | AQ           | Test High-Speed Drivers with Bursts         | 05-12-1994   |
| 160                    | AR           | Use LFSRs to Build Fast FPGA-Based Counters | 03-21-1994   |
| mps                    | AS           | Accurate On-Chip Interconnect Evaluation    | 05-1999  |

| Examiner<br>Signature | Muchini ? | Date<br>Considered | 2/13/04 |
|-----------------------|-----------|--------------------|---------|
|                       |           |                    | _       |

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

<sup>1</sup> Unique citation designation number. 2 See attached Kinds of U.S. Patent Documents. 3 Enter Office that issued the document, by the twoletter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Substitute for form 1449A/PTO

Sheet 2 of 3 (use as many sheets as necessary)

Complete if Known
Application Number 09/976,170
Filing Date 10-12-01
First Named Inventor Zerbe, et al.
Group Art Unit 2132
Examiner Name Unknown
Attorney Docket Number 1726.7220801

**U.S. PATENT DOCUMENTS** 

|               |                        |              |                     |  | 0.5. I A I E. II DO                             | 0011151110   |  |      |
|---------------|------------------------|--------------|---------------------|--|---|--|--|------|
| IPE           | Examiner<br>Initials * | Cite<br>No.1 | U.S. Pate<br>Number | nt Document<br>Kind Code 2<br>(if known) | Name of Patentee or Applicant of Cited Document | Date of Publication<br>of Cited Document<br>MM-DD-YYYY | Pages, Columns, Lines,<br>Where Relevant<br>Passages or Relevant<br>Figures Appear |      |
| ),, , ,       | \                      | AA           |                     |  |   |  |  |      |
| JN 1 3 2002   |                        | AB           |                     |  |   |  |  | •    |
| JN 1 2 2002 3 | 2                      | AC           |                     |  |   |  | <b>FCFIVE</b>  |      |
| & TRADEMARK   | /                      | AD           |                     |  |   |  | ECEIVE   | U    |
| ARE           |                        | AE           |                     |  |   |  |  |      |
| TRADE         |                        | AF           |                     |  |   |  | JUN 1 9 2001   |      |
|               |                        | AG           |                     |  |   |  | ••   |      |
|               |                        | AH           |                     |  |   | Tec  | hnology Center   | 2100 |
|               |                        | Al           |                     |  |   | 100  | tilliain al anuai  |      |
|               |                        | AJ           |                     |  |   |  |  |      |
|               |                        |              |                     |  |   |  |  |      |

FOREIGN PATENT DOCUMENTS

| Examiner<br>Initials * | Cite<br>No.1 | Office | Foreign Patent<br>3 Number | Document<br>Kind Code z<br>(if known) | Name of Patentee or<br>Applicant<br>of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns,<br>Lines, Where<br>Relevant<br>Passages or<br>Relevant Figures<br>Appear | Тв |
|------------------------|--------------|--------|----------------------------|---------------------------------------|---|--|--|----|
|                        | AK           |        |                            |                                       |   |  |  |    |
|                        | AL           |        |                            |                                       |   |  |  |    |
|                        | AM           |        |                            |                                       |   |  |  |    |
|                        | AN           |        |                            |                                       |   |  |  |    |
|                        | AO           |        |                            |                                       |   |  |  |    |

### **PUBLICATIONS**

| Examiner<br>Initials * | Cite<br>No.1 | Title of Publication  | Date of Publication<br>of Cited Document<br>MM-DD-YYYY |
|------------------------|--------------|---|--|
| TAS                    | AT           | Multi-gigabit Signaling with CMOS                             | 05-12-1997   |
| ref                    | AU           | HOTLink Built-In Self-Test (BIST)                             | 03-11-1999   |
| M                      | AV           | Accurate In Situ Measurement of Peak Noise and Delay Change   | 10-2001  |
| //                     | AW           | Characterization of Individual Weights in Transversal Filters | 12-1982  |

| Examiner<br>Signature | Tolus Bring | Date<br>Considered | 2/13/64 |  |
|-----------------------|-------------|--------------------|---------|--|
|                       |             |                    |         |  |

SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. 2 See attached Kinds of U.S. Patent Documents. 3 Enter Office that issued the document, by the twoletter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Substitute for form 1449A/PTO

Sheet 3 of 3 (use as many sheets as necessary)

Complete if Known
Application Number 09/976,170
Filing Date 10-12-01
First Named Inventor Zerbe, et al.
Group Art Unit 2132
Examiner Name Unknown
Attorney Docket Number 1726.7220801

### **U.S. PATENT DOCUMENTS**

|          | Examiner<br>Initials * | Cite<br>No.1 | U.S. Patent Document<br>Number Kind Code 2<br>(if known) | Name of Patentee or Applicant of Cited Document | Date of Publication<br>of Cited Document<br>MM-DD-YYYY | Pages, Columns, Lines,<br>Where Relevant<br>Passages or Relevant<br>Figures Appear |
|----------|------------------------|--------------|--|---|--|--|
| IDE      |                        | AA           |  |   |  |  |
| OIPE     | 1                      | AB           |  |   |  |  |
|          | 8                      | AC           |  |   |  |  |
| 1 3 2002 |                        | AD           |  |   |  |  |
| 1 70%    | <u>   </u>             | AE           |  |   | I RE   | CEIVED   |
| )        | 30                     | AF           |  |   | , , , , ,  |  |
| PRADEMAP | <b>?</b>               | AG           |  |   |  | UN 1 9 2002  |
| THAUC    |                        | AH           |  |   |  |  |
|          |                        | Al           |  |   | Tooha  | <del>plogy Center 21</del> 00  |
|          |                        | AJ           |  |   | 1861111  | AIAAA ABIITAI FIAA   |

#### **FOREIGN PATENT DOCUMENTS**

| Examiner   | Cite | Foreign Patent  | Document                  | Name of Patentee or         | Date of                                  | Pages, Columns,   | T <sub>6</sub> |
|------------|------|-----------------|---------------------------|-----------------------------|--|---|----------------|
| Initials * | No.1 | Office 3 Number | Kind Code 2<br>(if known) | Applicant of Cited Document | Publication of Cited Document MM-DD-YYYY | Lines, Where<br>Relevant<br>Passages or<br>Relevant Figures<br>Appear |                |
|            | AK   |                 |                           |                             |  |   |                |
|            | AL   |                 |                           |                             |  |   |                |
|            | AM   |                 |                           |                             |  |   |                |
|            | AN   |                 |                           |                             |  |   |                |
|            | AO   |                 |                           |                             |  |   |                |

#### **PUBLICATIONS**

| Examiner<br>Initials * | Cite<br>No.1 | Title of Publication   | Date of Publication<br>of Cited Document<br>MM-DD-YYYY |
|------------------------|--------------|--|--|
| 1178                   | AX           | Wide-Band Network Characterization by Fourier Transformation | 08-1969  |
| net                    | AY           | Modeling of High-Speed, Large-Signal Transistor Switching    | 04-1982  |
|                        | AZ           |  |  |
|                        |              |  |  |

| Examiner<br>Signature | John Jaim | $\dot{\sim}$ | Date<br>Considered | 2/12/64 |
|-----------------------|-----------|--------------|--------------------|---------|
|                       | 1         |              | •                  |         |

SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. 2 See attached Kinds of U.S. Patent Documents. 3 Enter Office that issued the document, by the twoletter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.